

Johnny Casares

linkedin.com/in/casajohn | github.com/JohnnyCasares

EDUCATION

Florida International University (FIU) | Miami, FL

Bachelor of Science in Computer Science

- GPA: 3.56/4.00

Honors: Cum Laude

SKILLS

Computer: OOP, Mobile App Dev, Web Dev, Databases, APIs, Computer Networks, Version Control, SOLID

Languages: English (fluent), Spanish (fluent, native)

WORK EXPERIENCE

Full Stack Developer | **True Health Connect LLC** | Miami, FL

June 2022 - Present

- Design, develop, and maintain cross-platform applications using Flutter, Firebase (Authentication, Database, Cloud Functions), Git, and Node.js
- Work closely with the product owner to ensure timely feature additions that meet deadlines and expectations
- Debug code, test thoroughly, and address user feedback and crash analytics reports
- As the sole developer, drive the entire software development process from design to deployment

Teacher Assistant | **Florida International University (FIU)** | Miami, FL

May 2022 - August 2023

- Guided over 140 students in adopting best practices and coding standards, fostering a code quality culture using Java as a programming language
- Evaluated assignments, offering constructive feedback to enhance problem-solving skills in students
- Worked collaboratively in a team of 6 to assist Professor Whittaker in proctoring exams, and offering personalized help during classes.

IT Support Intern | **Miami-Dade County Public Schools (MDPCS)** | Miami, FL

June 2018 - August 2019

- Performed comprehensive software updates to ensure all devices were operational and up-to-date
- Collaborated with IT staff to track, analyze, fix, and replace devices for the infrastructure in 5 schools
- Played a key role in the physical organization and setup of classrooms for an optimal start of the school year

PROJECTS

Trial PathWay | **Health Tech Innovators Hackathon by Regeneron** | Remote

April 2024 - May 2024

- Created a Windows and Android application using Flutter, Material 3 principles, and PostgreSQL database
- Integrated Facebook's BART NLP model from HuggingFace for text summarization to reduce length of trial descriptions and for researchers to create a brief description of their clinical research
- Connected and queried data from AACT Postgres database that aggregates ClinicalTrials.gov content
- Engineered a modular pathway that allows researchers to create, modify, and track the clinical trial process for each patient. The data is collected from this pathway to feed ML models to predict endpoints of clinical studies

Valorant Match Outcome ML Model | Intro to ML | Online

May 2023 - August 2023

- Utilized MS Power Automate to scrape tracker.gg and collect over 300 matches and train my ML model
- Used a K-Nearest Neighbor (KNN) python package to accurately predict match outcomes
- Achieved an accuracy score of 92% and F1-score of 91%, meaning that my model yields a reliable result

LEADERSHIP

Team Lead | **SkillCourt** | Miami, FL

August 2023 - December 2023

- Facilitated Agile methodologies within the team, ensuring adherence to Sprint commitments and weekly goals
- Coordinated daily scrum meetings with the team and the product owner to discuss progress and set milestones
- Reported changes made to the project by documenting in detail the modifications made during the semester
- Discussed and distributed tasks based on the team's experience and interest to optimize productivity
- Refactored code, significantly reducing the boilerplate and clearing project's directory for easier management
- Developed emulator using python asyncio and websockets packages to reduce dependency on hardware pads

Volunteer CS Instructor | **Init Ignite** | Online

January 2021 - May 2021

- Managed a team of three members by effectively communicating and distributing workload
- Used Google CS First Curriculum to introduce middle school students to programming through Scratch
- Analyzed performance and interests of students to plan lessons for the following session
- Encouraged students to participate in class and in the final project, which led to my student winning first place